GIGABYTE™

Step by Step

Smart6™ User's Manual

SMART6

A Smart Way for PC System Management

User's Manual

使用手冊

Smart 6™

User's Manual

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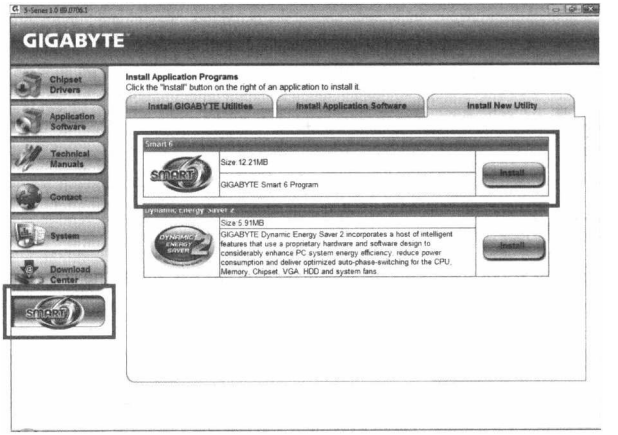
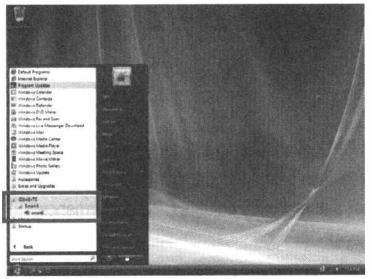
1. Installing and Accessing the Smart 6™ Utility

1.1. Installing the Smart 6™ Utility

Insert the motherboard driver disk. Click the tab at the bottom of the left pane of the autorun screen and you'll be directed to the **Install New Utilities** menu. Click the **Install** button on the right of Smart 6 to install it.

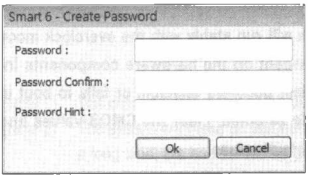


1.2. Accessing the Smart 6™ Utility



Step 1:

After installing the Smart 6™ utility and restarting the system, the Smart 6 icon will appear in the notification area. Double-click the icon or click **Start**, point to **All Programs**, and then click **Smart 6** to access Smart 6.

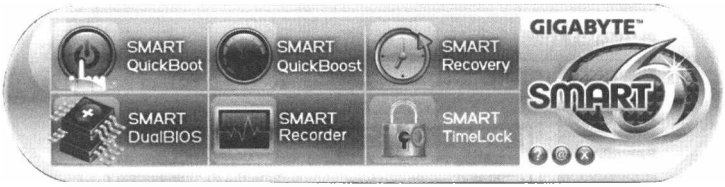


Step 2:

When launching Smart 6™ for the first time, the system will request you to set up a password. This password is required when you activate SMART DualBIOS or when you want to make changes to the SMART Recorder or SMART TimeLock settings.

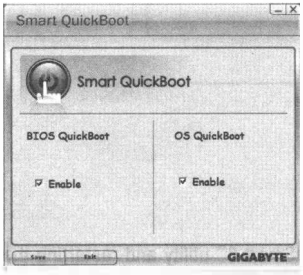
2. Smart 6™

GIGABYTE Smart 6™ is designed with user-friendliness in mind, and offers a combination of 6 innovative software utilities that provide easier and smarter PC system management. Smart 6™ allows you to speed up system performance, reduce boot-up time, manage a secure platform and recover specified files easily with a click of the mouse button.



2.1. SMART QuickBoot

SMART QuickBoot speeds up the system boot-up process and shortens the waiting time for entering the operating system, delivering greater efficiency for daily use.



Instructions:

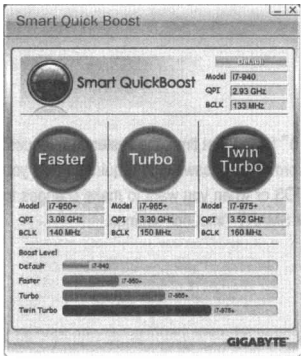
Select the **Enable** check box below the **BIOS QuickBoot** or **OS QuickBoot** item and then click **Save** to save the settings.

BIOS QuickBoot shortens hardware detection time during system boot-up if no hardware device is added or changed.

OS QuickBoot allows the system to enter S3 (standby)+S4 (hibernation) mode after a normal shutdown. When signaled by a wake-up device or event, the system can resume to its working state exactly where it was left off.

2.2. SMART QuickBoost

SMART QuickBoost features quick and effortless CPU overclocking for novice and experienced users alike; users simply click on one of the three levels of CPU performance enhancement: Faster, Turbo, Twin Turbo, and SMART QuickBoost automatically adjusts CPU performance.



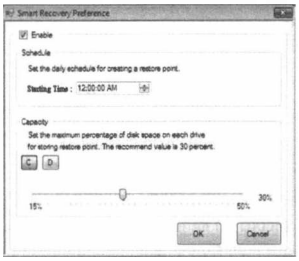
Instructions:

Select a CPU performance boost level and restart your computer for the changes to take effect.

Whether the system will run stably with the overclock mode you select is dependent on the hardware components installed. If your system becomes unstable or fails to boot in the overclock mode selected, clear the CMOS values and reset the board to default values.

2.3. SMART Recovery

With SMART Recovery, users can quickly create backups of changed data files (Note 1) or copy files from a specific backup on PATA and SATA hard drives (partitioned on NTFS file system) in Windows Vista.



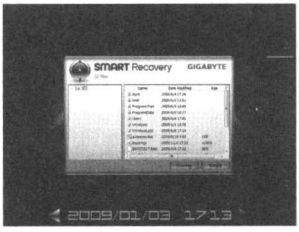
Instructions:

In the main menu, click the **Config** button to open the **Smart Recovery Preference** dialog box.

The **Smart Recovery Preference** dialog box:

Button	Function
Enable	Enables automatic daily backup (Note 2)
Schedule	Sets a daily backup schedule
Capacity	Sets the percentage of hard drive space used for saving backups (Note 3)

- The hard drive must have more than 1 GB of capacity.
- Each partition can accommodate up to 64 backups (the actual limit depends on the size of each partition). When this limit is reached, the oldest backup will be ovewritten.



Instructions for copying files/folders from a backup:

To browse through your backups made at different time, select a backup time using the time scroll bar on the right or at the bottom of the screen. If you want to copy back a file/folder, select the file/folder you wish to copy and click the **Copy** button.

The files/folders listed on the screen are read-only so you cannot edit their contents.

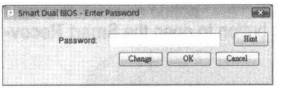
(Note 1) The changed data refers to the data that has been modified, deleted, or newly added since the last backup.

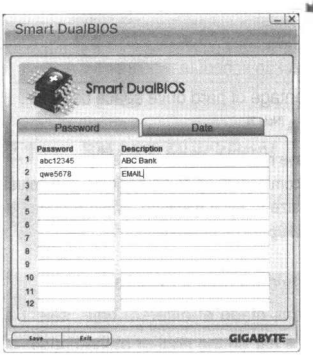
(Note 2) The system will make an automatic backup on changed data only once everyday. If the computer is turned on for a long time, the backup will be performed at the scheduled backup time. If the computer is turned off before the scheduled backup time, the backup will be performed on the next boot.

(Note 3) We recommend that you preserve at least 25 percent of the hard drive space to optimize the storage space for the backups. The backups of the changed data will be stored in the original partition of the data.

2.4. SMART DualBIOS

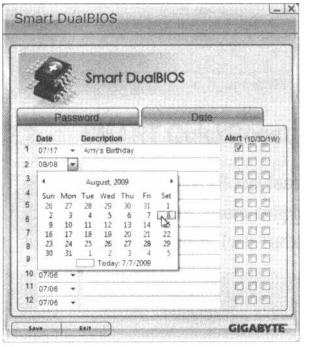
SMART DualBIOS is a new feature that can record personal passwords and important dates, and remind users of the dates. It also stores the recorded data in the main and backup BIOS simultaneously, which can prevent loss of the data in case the system/hard drive fails.





Password:

Enter the Smart 6™ password to launch the SMART DualBIOS utility. On the **Password** tab, you can record up to 12 personal passwords. Click **Save** to save the settings and click **Exit** to exit.



Date:

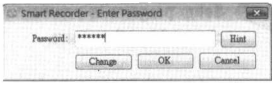
On the **Date** tab, you can record up to 12 important dates and set reminders to remind you 1 day/3 days/1 week prior to a date. Click **Save** to save the settings and click **Exit** to exit.

2.5. SMART Recorder

SMART Recorder monitors and records the activities in a system such as the time when the computer was turned on/off or even when large data files were moved within the hard drive or copied to an external storage device.

ON/OFF Recorder:

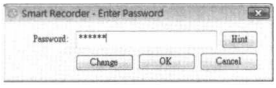
Select the **Enable** check box at the bottom right corner of the **ON/OFF Recorder** tab to enable recording of system on/off time. Entering the Smart 6™ password is required before you make any changes to the previous settings.



File Monitor:

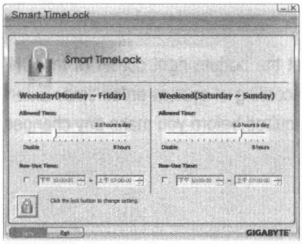
Select the **Enable** check box at the bottom right corner of the **File Monitor** tab to monitor and record when files were removed or copied to an external storage device. Entering the Smart 6™ password is required before you make any changes to the previous settings.

You will not be able to use the "Safely Remove Hardware" feature in the operating system with SMART Recorder enabled. To remove an external storage device, unplug it directly from your computer (please note that doing so may result in damage to the hardware device or loss of data).



2.6. SMART TimeLock

SMART TimeLock allows users to effectively manage computer usage time with simple rules and options.

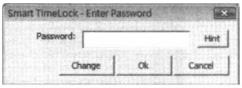


Instructions:

Click the lock icon on the bottom left corner and enter the Smart 6™ password. Set the time when a user can or cannot use your computer for weekdays and weekends. Click **Save** to save the settings and click **Exit** to exit.

Allowed Time: Set the amount of time a user can use your computer (in half hour slots) per day. The longest time allowed is 8 hours. Or you can select **Disable** to disable the time limits.

Non-Use Time: Specify the time period when the computer usage is not allowed (12 hours each session).



You can set the User Password in the system BIOS Setup program to prevent the system time being changed by other users.

The **Smart TimeLock** Alert:

An alert will appear 15 minutes and 1 minute prior to the default shutdown time. When the alert appears, you can enter the Smart 6™ password to extend the usage time or click **Cancel** to close the alert. If you respond **Cancel**, you will be requested to enter the password to extend the usage time again when the default shutdown time arrives, or the computer will shutdown right away.

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